

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	146	148/575.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/20 11:42
L5	84	148/611.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/20 11:42
L6	210	148/606.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/10/20 11:42
S1	7	("5820704") or ("2955062") or ("5851304")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/28 13:48
S2	10	("1109844").PN. or ((58/034180) or (10/280087) or (59/140390)).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/28 13:59
S3	43	b21b45/06.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/28 14:02
S6	2	"US 20070181230"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2009/12/28 15:33

S7	0	"cold-roll\$3" same austenit \$2 "bright annealing furnace" "(flushing or inert) gas" strip near oxide	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/01/07 09:36
S8	0	cold-roll\$3 same austenit \$2 "bright annealing furnace" "(flushing or inert) gas" strip near oxide	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/01/07 09:37
S9	0	cold-roll\$3 same austenit \$2 "bright annealing furnace" "(flushing or inert) gas" strip near oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/07 09:37
S10	0	cold-roll\$3 same austenit \$2 "bright annealing furnace" nitrogen strip near oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/07 09:38
S11	1	cold-roll\$3 same austenit \$2 (annealing furnace) nitrogen strip near oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/07 09:38
S12	16	(cold-roll\$3 same austenit \$2) (annealing furnace) nitrogen (strip same oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/07 09:39
S13	18	"ugine & alz france".as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/07 09:41
S14	6619	pickl\$3 same oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/07 09:47
S15	10	S12 S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/07 09:47

S16	2	("5830291").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/07 10:01
S17	57	("1810612"   "1859698"   "1901039"   "1931134"   "2249556"   "2264859"   "2303343"   "2340461"   "2389838"   "2474674"   "2666003"   "2710271"   "2750301"   "2752274"   "2987429"   "3117897"   "3260619"   "3536601"   "3563074"   "3615909"   "3712833"   "4160677"   "4286986"   "4415415"   "4450058"   "4545826"   "4620884"   "4648914"   "4713154"   "4851092"   "5344509"   "5505786"). PN. OR ("5830291"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/07 10:15
S18	71	(heat\$3 soak\$3 cool\$3) same rate oxide austenit \$3 strip	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/07 10:51
S19	121	spray\$3 same pickling same steel near strip same acid	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/07 13:48
S20	65	spray\$3 same pickling same steel near strip same acid same (sec or time)	US-PGPUB; USPAT; USOCR	AND	ON	2010/01/07 13:50
S21	116	148/575.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/01/07 15:10
S22	122	148/606.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/01/07 15:10
S23	62	148/611.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/01/07 15:10
S24	2	("5702539").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/12 10:55

S25	2	("5976282").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/12 11:01
S26	4	((("5976282") or ("5702539")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/03/18 13:55
S27	0	"WO2005102548"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/28 17:30
S28	2	"WO 2005102548"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/28 17:30
S29	2	"US 20070181230"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/06/28 17:36
S30	1	"g/l" "hydrofluoric acid" volume near oxygen near air	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/28 17:41
S31	10	"g/l" "hydrofluoric acid" volume same oxygen near air	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/28 17:41
S32	95	"g/l" "hydrofluoric acid" volume same oxygen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/28 17:41
S33	7	((("5820704") or ("2955062") or ("5851304")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/28 17:48

S34	10	("1109844").PN. or ((58/034180) or (10/280087) or (59/140390)).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/28 17:48
S35	46	b21b45/06.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/28 17:48
S36	2	"US 20070181230"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/06/28 17:48
S37	0	"cold-roll\$3" same austenit \$2 "bright annealing furnace" "(flushing or inert) gas" strip near oxide	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/06/28 17:48
S38	0	cold-roll\$3 same austenit \$2 "bright annealing furnace" "(flushing or inert) gas" strip near oxide	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/06/28 17:48
S39	0	cold-roll\$3 same austenit \$2 "bright annealing furnace" "(flushing or inert) gas" strip near oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/28 17:48
S40	0	cold-roll\$3 same austenit \$2 "bright annealing furnace" nitrogen strip near oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/28 17:48
S41	1	cold-roll\$3 same austenit \$2 (annealing furnace) nitrogen strip near oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/28 17:48
S42	17	(cold-roll\$3 same austenit \$2) (annealing furnace) nitrogen (strip same oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/28 17:48

S43	18	"ugine & alz france".as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/28 17:48
S44	6705	pickl\$3 same oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/28 17:48
S45	11	S42 S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/28 17:48
S46	2	("5830291").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/28 17:48
S47	58	("1810612"   "1859698"   "1901039"   "1931134"   "2249556"   "2264859"   "2303343"   "2340461"   "2389838"   "2474674"   "2666003"   "2710271"   "2750301"   "2752274"   "2987429"   "3117897"   "3260619"   "3536601"   "3563074"   "3615909"   "3712833"   "4160677"   "4286986"   "4415415"   "4450058"   "4545826"   "4620884"   "4648914"   "4713154"   "4851092"   "5344509"   "5505786"). PN. OR ("5830291"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/28 17:48
S48	74	(heat\$3 soak\$3 cool\$3) same rate oxide austenit \$3 strip	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/28 17:48
S49	121	spray\$3 same pickling same steel near strip same acid	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/28 17:48
S50	65	spray\$3 same pickling same steel near strip same acid same (sec or time)	US-PGPUB; USPAT; USOCR	AND	ON	2010/06/28 17:48

S51	118	148/575.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/06/28 17:48
S52	123	148/606.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/06/28 17:48
S53	64	148/611.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/06/28 17:48
S54	2	("5702539").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/28 17:48
S55	2	("5976282").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/28 17:48
S56	4	((("5976282") or ("5702539")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/28 17:48
S60	0	(cold adj roll\$3) same austenit\$2 (bright anneal \$3 furnace) ((flushing or inert) near gas) near oxide	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/06/29 11:15
S61	0	(cold adj roll\$3) same austenit\$2 (bright anneal \$3 furnace) (gas same "dew point") near oxide	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/06/29 11:16
S62	8	(cold adj roll\$3) same austenit\$2 (gas same "dew point") same oxide	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/06/29 11:16
S63	10	(cold adj roll\$3) same austenit\$2 (gas same "dew point") "oxide film"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/06/29 11:26
S64	14	(gas same "dew point") same thick\$2 same "oxide film"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/06/29 11:37

S65	2	("5507883").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/06/29 14:25
S66	0	"dew point" nitrogen gas pickl\$3 oxide adj (film or layer) "stainless steel" adj austenit\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/29 14:28
S67	0	"dew point" nitrogen gas pickl\$3 oxide adj (film or layer) stainless adj steel adj austenit\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/29 14:28
S68	2	"dew point" nitrogen gas pickl\$3 oxide adj (film or layer) stainless adj steel adj3 austenit\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/29 14:28
S69	11	"dew point" nitrogen gas pickl\$3 oxide adj (film or layer) stainless adj steel same austenit\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/06/29 14:28
S70	2	("5702539").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/01 16:16
S71	0	austenit\$2 "bright annealing furnace" "(flushing or inert) gas" strip near oxide	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2010/07/01 16:17
S72	0	austenit\$2 ("bright annealing furnace" or BA) "(flushing or inert) gas" strip near oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/01 16:17
S73	0	austenit\$2 ("bright annealing furnace" or BA) "(flushing or inert) gas" (layer or film or scale) adj2 oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/01 16:18



S74	65	austenit\$2 ("bright annealing furnace" or BA) (layer or film or scale) adj2 oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/01 16:18
S75	2	austenit\$2 "bright annealing furnace" (layer or film or scale) adj2 oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/01 16:20
S76	2	austenit\$2 (bright adj2 annealing adj2 furnace) (layer or film or scale) adj2 oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/01 16:20
S77	2	austenit\$2 (bright same annealing adj2 furnace) (layer or film or scale) adj2 oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/01 16:20
S78	11	austenit\$2 (bright same annealing same furnace) (layer or film or scale) adj2 oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/01 16:20
S79	18	austenit\$2 (bright same annealing furnace) (layer or film or scale) adj2 oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/01 16:21
S80	2	("5976282").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/01 16:44
S81	0	"JP 08-269754"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/01 17:10

S82	2	"JP 08269754"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/01 17:10
S83	2	"JP 2003342798"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/07/01 17:11

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	87	148/575.ccls.	US-PGPUB; USPAT; UPAD	AND	ON	2010/10/20 11:42
L3	90	148/606.ccls.	US-PGPUB; USPAT; UPAD	AND	ON	2010/10/20 11:42
L4	48	148/611.ccls.	US-PGPUB; USPAT; UPAD	AND	ON	2010/10/20 11:42
S57	87	148/575.ccls.	US-PGPUB; USPAT; UPAD	AND	ON	2010/06/28 17:48
S58	1	("5702539").PN.	US-PGPUB; USPAT; UPAD	OR	OFF	2010/06/28 17:48
S59	89	148/606.ccls.	US-PGPUB; USPAT; UPAD	AND	ON	2010/06/28 17:48

**10/ 20/ 2010 11:42:52 AM****C:\ Documents and Settings\ APOLYANSKY\ My Documents\ EAST\ Workspaces\ 10593971.wsp**